

Converting Colors

$Yxy(60.8040, 0.3004, 0.3656)$

Have a look what the booklet for
Yxy(60.8040, 0.3004, 0.3656)
contains.

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Color

Yxy(60.8040, 0.3004, 0.3656)

Conversions

Conversions Part 1

Format	Color
Hex	ABD7BA
RGB	171, 215, 186
RGB Percent	67%, 84%, 73%
CMY	0.3293, 0.1569, 0.2706
CMYK	0.20, 0.00, 0.13, 0.16
HSL	140°, 35%, 76%
HSV	140°, 20%, 84%
XYZ	49.9604, 60.8040, 55.5485
YIQ	198.5380, -16.9150, -18.3470

Conversions

Conversions Part 2

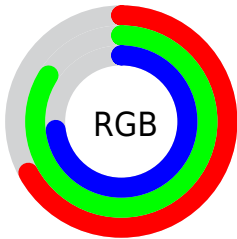
Format	Color
RYB	171, 204, 215
Decimal	11261882
CIELab	82.27, -20.07, 9.63
CIELCh	82, 22.261, 154.373
Yxy	60.8040, 0.3004, 0.3656
Android (android.graphics.Color)	4289451962 (0xFFABD7BA)
YUV	198.5380, -6.1812, -24.1508
Hunter-Lab	77.9769, -22.0933, 12.3474

Details

The Yxy color **60.8040, 0.3004, 0.3656** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **47.7545, 0.3276, 0.2950**, and the grayscale version is **56.8659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2617, 0.3029, 0.3421**, and **30.6866, 0.2968, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **58.0112, 0.2947, 0.3867**, and if you desaturate by 10%, it is **64.0545, 0.3064, 0.3466**.

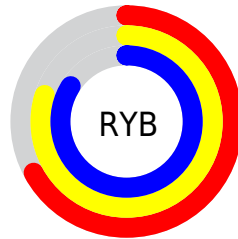
Distribution



Red (67%)

Green (84%)

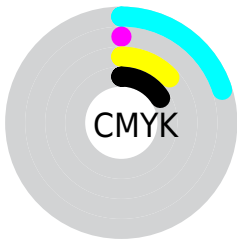
Blue (73%)



Red (67%)

Yellow (80%)

Blue (84%)

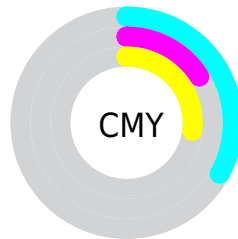


Cyan (20%)

Magenta (0%)

Yellow (13%)

Black (16%)



Cyan (33%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.8040, 0.3004, 0.3656 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 60.8040, 0.3004, 0.3656 by changing the saturation by 10% instead.

 60.8040, 0.3004,
0.3656

 60.8040, 0.3004,
0.3656

427.5550, 0.3065,
0.3476

 44.0670, 0.2989,
0.3700


 105.9951, 0.3026,
0.3592

 30.7232, 0.2970,
0.3756


135.2180, 0.3034,
0.3567

 20.3882, 0.2944,
0.3829


169.3716, 0.3041,
0.3546

 12.6775, 0.2909,
0.3929

208.8404, 0.3048,
0.3528

 7.2069, 0.2857,
0.4075

254.0088, 0.3053,
0.3513

 3.5918, 0.2773,
0.4306

305.2610, 0.3057,

 1.4480, 0.2623,

0.3499

0.4738

362.9816, 0.3062,
0.3487

0.2517, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.8040, 0.3004,
0.3656

60.8040, 0.3004,
0.3656

58.0112, 0.2947,
0.3867

64.0545, 0.3064,
0.3466

55.6477, 0.2897,
0.4097

67.7745, 0.3124,
0.3297

53.6939, 0.2855,
0.4342

71.9846, 0.3185,
0.3148

52.1251, 0.2825,
0.4597

76.3159, 0.3228,
0.3016

■ 50.9145, 0.2810,
0.4853

■ 77.0813, 0.3145,
0.2900

■ 50.0311, 0.2813,
0.5099

■ 49.4385, 0.2833,
0.5324

■ 49.0842, 0.2864,
0.5512

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.8040, 0.3289, 0.3788



60.8040, 0.3004, 0.3656



60.8040, 0.2760, 0.3412

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



60.8040, 0.3004, 0.3656



60.8040, 0.2720, 0.2827



60.8040, 0.3668, 0.3397

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



60.8040, 0.3004, 0.3656



47.7545, 0.3276, 0.2950

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



60.8040, 0.3501, 0.3160



60.8040, 0.3004, 0.3656



60.8040, 0.2947, 0.2841

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



60.8040, 0.3004, 0.3656



60.8040, 0.2601, 0.2932



60.8040, 0.3234, 0.2961



60.8040, 0.3680, 0.3620

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



60.8040, 0.3004, 0.3656



60.8040, 0.2650, 0.3230



60.8040, 0.3234, 0.2961



60.8040, 0.3627, 0.3317

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



60.8066, 0.3004, 0.3656



96.5796, 0.3090, 0.3389



63.8690, 0.3320, 0.3816



20.5957, 0.3086, 0.3401



0.0000, 0.0000, 0.0000



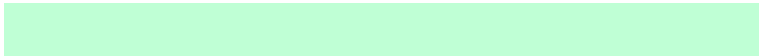
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.8066, 0.3004, 0.3656



87.4297, 0.2976, 0.3754



61.7999, 0.2868, 0.3379



13.9650, 0.3070, 0.3448



29.3759, 0.2857, 0.5485



1.7871, 0.2758, 0.5128

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



47.7545, 0.3276, 0.2950



64.5318, 0.3318, 0.2867



46.8111, 0.3467, 0.3203



12.5576, 0.3189, 0.3137



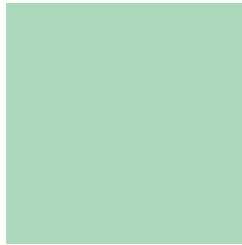
9.8272, 0.4293, 0.2138



0.6079, 0.4059, 0.2010

Previews

White Background



This preview shows how the Yxy color 60.8040, 0.3004, 0.3656 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 60.8040, 0.3004, 0.3656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

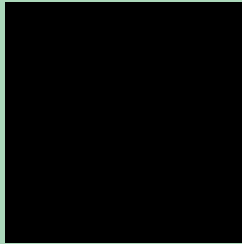
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

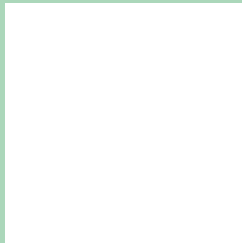
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 60.8040, 0.3004, 0.3656

Background



This preview shows how black text looks on a background with the Yxy color 60.8040, 0.3004, 0.3656.

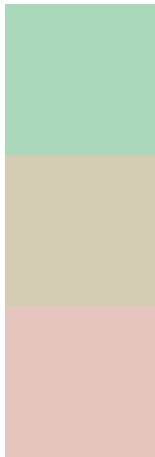


This preview shows how white text looks on a background with the Yxy color 60.8040, 0.3004, 0.3656.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

60.8040, 0.3004, 0.3656

Protanopia

60.6272, 0.3374, 0.3571

Deuteranopia

60.3082, 0.3440, 0.3369



Tritanopia

60.5569, 0.2798, 0.3087

Trichromacy



Original Color

60.8040, 0.3004, 0.3656

Protanomaly

60.4949, 0.3234, 0.3604

Deuteranomaly

60.2698, 0.3267, 0.3467

Tritanomaly

60.4056, 0.2871, 0.3289

Monochromacy



Original Color

60.8040, 0.3004, 0.3656

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.3765, 0.3083, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.8040, 0.3004, 0.3656 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(171, 215, 186)` looks like.

```
.text, #text, p{  
    color:rgb(171, 215, 186)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(171, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 215, 186) }
```

Border

The CSS property to change the border of an element to Yxy 60.8040, 0.3004, 0.3656 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(171, 215, 186) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(171, 215, 186) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(171, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 215, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 215, 186); box-shadow:4px 4px 4px 4px rgb(171, 215, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 60.8040, 0.3004, 0.3656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 215, 186) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(171,  
215, 186) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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